



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VICTOR C. LI ET AL.

Group Art Unit: 1772

Serial No.: 10/674,722

Examiner: Unknown

Filed: September 30, 2003

For: LIGHTWEIGHT STRAIN-HARDENING  
BRITTLE MATRIX COMPOSITES

Attorney Docket No.: UOM 0287 PUS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent & Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8**

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

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William G. Conger  
Name of Person Signing

Signature

If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

**VICTOR C. LI ET AL.**

By: 

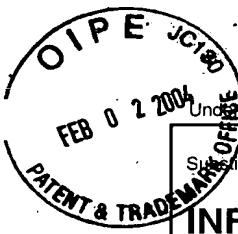
William G. Conger

Reg. No. 31,209

Attorney/Agent for Applicant

Date: 1/29/2004

**BROOKS KUSHMAN P.C.**  
1000 Town Center, 22nd Floor  
Southfield, MI 48075-1238  
Phone: 248-358-4400  
Fax: 248-358-3351



## U.S. PATENT DOCUMENTS

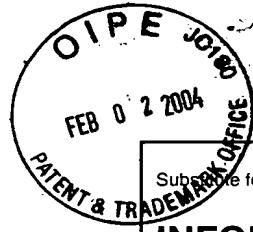
## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.



Subtitle for Form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/674,772
				Filing Date	September 30, 2003
				First Named Inventor	VICTOR C. LI ET AL.
				Group Art Unit	1772
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	UOM 0287 PUS

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Regan, P.E. et al., "Lightweight Aggregate Foamed Concrete," STRUCTURAL ENGINEERING, Vol. 68, No. 9, 1990, pp. 167-173.	
		Katz, A. et al., "A Special Technique for Determining the Bond Strength of Carbon Fibers in Cement Matrix by Pullout Test," JOURNAL OF MATERIALS SCIENCE LETTERS, 15, 1996, pp. 1821-1823.	
		Marshall, D. et al., "A J-Integral Method for Calculating Steady-State Matrix Cracking Stress in Composites," MECHANICS OF MATERIALS, V. 7, No. 8, August 1988, pp. 127-133.	
		Li, V.C., "Post-Crack Scaling Relations for Fiber-Reinforced Cementitious Composites," ASCE J. OF MATERIALS IN CIVIL ENGINEERING, V. 4, No. 1, 1992, pp. 41-57.	
		Lin, Z. et al., "On Interface Property Characterization and Performance of Fiber Reinforced Cementitious Composites," J. CONCRETE SCIENCE AND ENGINEERING, RILEM, Vol. 1, 1999, pp. 173-184.	

Examiner Signature	Date Considered

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.